PTO-1449 REPRODUCED	ATTORNEY DOCKET NO. 3350.1000-005	APPLICATION NO. 10/750,323	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION	FIRST NAMED INVENTOR Stefan M. Pulst	FILING DATE December 30, 2003	
September 13, 2004 (Use several sheets if necessary)	EXAMINER Not yet assigned	CONFIRMATION NO. 4927	GROUP 1634

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
JG	AA	5,552,282	09/03/1996	Caskey, *et al.*
	AB	5,650,270	07/22/1997	Giese, *et al.*
	AC	5,650,277	07/22/1997	Navot, *et al.*
	AD	5,741,645	04/21/1998	Orr, *et al.*
	AE	5,474,796	12/12/1995	Brennan
	AF	6,251,589 B1	06/26/2001	Tsuji, *et al.*
	AG	5,155,218	10/13/1992	Weinshank, *et al.*
	AH	5,885,834	03/23/1999	Epstein
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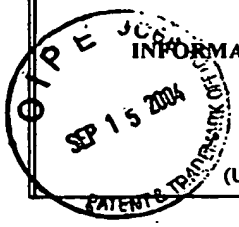

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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Stefan M. Pulst	December 30, 2003
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Not yet assigned	4927 / 1634

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION YES	TRANSLATION NO
JG	AL	WO 97/18224	05/22/1997	Human Genome Sciences, Inc.		
	AM	WO 95/01437	01/12/1995	Regents of The University of Minnesota		
	AN	WO 97/17445	05/15/1997	Centre National De La Recherche Scientifique		
	AO					
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OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*		
JG	AR	Choudhry, S., *et al.*, "CAG Repeat Instability at SCA2 Locus: Anchoring CAA Interruptions and Linked Single Nucleotide Polymorphisms," *Human Molecular Genetics*, 10:2437-3446 (2001).
	AS	Mizushima, K., *et al.*, "Analysis of Spinocerebellar Ataxia Type 2 Gene and Haplotype Analysis: $(CGG)_{1-2}$ Polymorphism and Contribution to Founder Effect," *Journal of Medical Genetics*, 36:112-114 (1999).
	AT	Sahba, S., *et al.*, "Genomic Structure of the Human Gene for Spinocerebellar Ataxia Type 2 (*SCA2*) on Chromosome 12q24.1," *Genomics*, 47:359-364 (1998).
	AU	Sanpei, *et al.*, "Direct Detection of Expanded (CAG/CTG) Repeats in the Myotonin-protein Kinase Genes of Myotonic Dystrophy Patients Using a High-Stringency Hybridization Method," *Biochem. Biophys. Res. Commun.*, *212*(2), 341-346 (July 17, 1995).
	AV	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, Blast 2 Sequence Results of gi 4506794 and gi 12382830 [online]. Bethesda, MD [retrieved on November 26, 2001]. Retrieved form Internet:<URL: http://www.ncbi.nlm.nih.gov/blast/bl2seq/wblast2.cgi>, 2 pages.
	AW	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, Blast 2 Sequence results of gi 4506794 and gi 12382831 [online]. Bethesda, MD [retrieved on November 26, 2001]. Retrieved form the Internet:,URL: http://www.ncbi.nlm.nih.gov/blast/bl2seq/wblast2.cgi>, 2 pages.
	AX	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, Blast 2 Sequence results of gi 4506794 and gi 12382832 [online]. Bethesda, MD [retrieved on November 26, 2001]. Retrieved form the Internet:,URL: http://www.ncbi.nlm.nih.gov/blast/bl2seq/wblast2.cgi>, 2 pages.
	AY	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, Blast 2 Sequence results of gi 4506794 and gi 12382833 [online]. Bethesda, MD [retrieved on November 26, 2001]. Retrieved form the Internet:,URL: http://www.ncbi.nlm.nih.gov/blast/bl2seq/wblast2.cgi>, 2 pages.
	AZ	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, Blast 2 Sequence results of gi 4506794 and gi 12382834 [online]. Bethesda, MD [retrieved on November 26, 2001]. Retrieved form the Internet:,URL: http://www.ncbi.nlm.nih.gov/blast/bl2seq/wblast2.cgi>, 2 pages.

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OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*		
JG	AR2	National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, Blast 2 Sequence results of gi 4506794 and gi 12382835 [online]. Bethesda, MD [retrieved on November 26, 2001]. Retrieved form the Internet:,URL: http://www.ncbi.nlm.nih.gov/blast/bl2seq/wblast2.cgi>, 2 pages.
	AS2	GenBank Accession Number Y08262, Imbert, *et al.*, Sept. 1996.
	AT2	GenBank Accession Number T78912, Lutz, *et al.*, May 1997.
	AU2	GenBank Accession Number A62706, Tora, *et al.*, May 1997.
	AV2	GenBank Accession Number AA476524, Hillier, *et al.*, Jan. 1995.
	AW2	GenBank Accession Number L27350, Ambrose, *et al.*, 1994.
	AX2	GenBank Accession Number U70323, Pulst, *et al.*, Sept. 1996.
	AY2	GenBank Accession Number AF041472, Nechiporuk, *et al.*, Jan. 1998.
	AZ2	"PCT Kits," from 1992/1993 Biotechnology Catalog, Perin Elmer, pgs 11-12, 1992.
	AR3	Filla, *et al.*, "Has Spinocerebellar Ataxia Type 2 a Distinct Phenotype?," *Neurology, 45:*793-796 (April 1995).
	AS3	Banfi, *et al.*, "Identification and Characterization of the Gene Causing Type 1 Spinocerebellar Ataxia," *Nature Genet., 7:*513-519 (1994).
	AT3	Belal, *et al.*, "Clinical and Genetic Analysis of a Tunisian Family with Autosomal Dominant Cerebellar Ataxia Type 1 Linked to the SCA2 Locus," *Neurology, 44:*1423-1426 (1994).
	AU3	Brook, "Repeat of the Triplet Repeat," *Nature Genet., 3:*279-281 (1993).
	AV3	Brunner, *et al.*, "Brief Report: Reverse Mutation in Myotonic Dystrophy," *New Eng. J. Med., 328:*476-480 (1993).
↓	AW3	Filla, *et al.*, "Prevalence of Hereditary Ataxias and Spastic Paraplegias in Molise, a Region of Italy," *J. Neurol. 239:*351-353 (1992).

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		OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*
JG	AX3	Gispert, *et al.*, "Chromosomal Assignment of the Second Locus for Autosomal Dominant Cerebellar Ataxia (SCA2) to Chromosome 12q23-24.1," *Nature Genet. 4:*294-299 (1993).
	AY3	Imbert, "Cloning of the Gene for Spinocerebellar Ataxia 2 Reveals a Locus with High Sensitivity to Expanded CAG/glutamine Repeats," *Nature Genet., 14:*285-291(1996).
	AZ3	Ioannou, *et al.*, A New Bacteriophage P1-derived Vector for the Propagation of Large Human DNA Fragments," *Nature Genet., 6:*84-89 (1994).
	AR4	Kawaguchi, *et al.*, "CAG Expansions in a Novel Gene for Machado-Joseph Disease at Chromosome 14q32.1," *Nature Genet., 8:*221-227 (1994).
	AS4	Koide, *et al.*, "Unstable Expansion of CAG Repeat in Hereditary Dentatorubralpallidoluysian Atrophy (DRPLA)," *Nature Genet., 6:*9-13 (1994).
	AT4	Kremer, *et al.*, "Mapping of DNA Instability at the Fragile X to a Trinucleotide Repeats Sequence p(CCG)n," *Science, 252:*1711-1714 (1991).
	AU4	Lopes-Cendes, *et al.*, "Confirmation of the SCA-2 locus as an Alternative Locus for Dominantly Inherited Spinocerebellar Ataxias and Refinement of the Candidate Region," *Am. J. Hum. Genet., 54:*774-781 (1994).
	AV4	MacDonald, *et al.*, "A Novel Gene Containing a Trinucleotide Repeat that is Expanded and Unstable on Huntington's Disease Chromosomes," *Cell, 72:*971-983 (1993).
	AW4	Mahadevan, *et al.*, "Myotonic Dystrophy Mutation: An Unstable CTG Repeat in the 3' Untranslated Region of the Gene," *Science, 255:*1253-1255 (1992).
	AX4	Mandel, "Questions of Expansion," *Nature Genet., 4:*8-9 (1993).
	AY4	Nagafuchi, *et al.*, "Dentatorubral and Pallidoluysian Atrophy Expansion of an Unstable CAG Trinucleotide on Chromosome 12p," *Nature Genet., 6:*4-18 (1994).
	AZ4	Orr, *et al.*, "Expansion of an Unstable Trinucelotide CAG Repeat in Spinocerebellar Ataxia Type 1," *Nature Genet., 4:*221-226 (1993).
	AR5	Polo, *et al.*, "Hereditary Ataxias and Paraplegias in Cantabria, Spain," *Brain, 114:*855-866 (1991).

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OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*		
JG	AS5	Pulst, *et al.*, "Anticipation in Spinocerebellar Ataxia Type 2," *Nature Genet., 5:*8-10 (1993).
	AT5	Pulst, *et al.*, "Genetic and Physical Map of the Spinocerebellar Ataxia 2 (SCA2) Region on Human Chromosome 12," *Neurology, 45:*A422 (1995).
	AU5	Pulst, *et al.*, "Moderate Expansion of a Normally Biallelic Trinucleotide Repeat in Spinocerebellar Ataxia Type 2," *Nature Genet., 14:*269-276 (1996).
	AV5	Ranum, *et al.*, "Spinocerebellar Ataxia Type 5 in a Family Descended from the Grandparents of President Lincoln Maps to Chromosome 11," *Nature Genet. 8:*280-284 (1994).
	AW5	Rubensztein, *et al.*, "Phenotypic Characterization of Individuals with 30-40 CAG Repeats in the Huntington Disease (HD) Gene Reveals HD Cases with 36 Repeats and Apparently Normal Elderly Individuals with 36-39 Repeats," *Am. J. Hum. Genet., 59:*16-22 (1996).
	AX5	Sanpei, *et al.*, "Identification of the Spinocerebellar Ataxia Type 2 Gene Using a Direct Identification of Repeat Expansion and Cloning Technique, DIRECT," *Nature Genet., 14:*277-284 (1996).
	AY5	Stevanin, *et al.*, "Screening for Proteins with Polyglutamine Expansions in Autosomal Dominant Cerebellar Ataxias," *Hum. Mol. Gen., 5:*1887-1892 (1996).
	AZ5	Takiyama, *et al.*, "The Gene for Machado-Joseph Disease Maps to Human Chromosome 14q," *Nature Genet., 4:*300-304 (1993).
	AR6	The WashU-Merck EST Project, "Soares Parathyroid Tumor NbHPA Homo Sapiens cDNA Clone," Accession No. W39162, May 15, 1996.
↓	AS6	Trottier, *et al.*, "Polyglutatmine Expansions as a Pathological Epitope in Huntington's Disease and Four Dominant Cerebellar Ataxias," *Letters to Nature, 378:*403-406 (1995).

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